

**Abstract**

The invention relates to the use of aqueous compositions  
5 comprising:

i) at least one aqueous polymer dispersion whose addition  
polymer P has a glass transition temperature below 0°C and  
contains in copolymerized form

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- from 80 to 99.5% by weight of at least one monoethylenically unsaturated, hydrophobic monomer A,
- from 0.5 to 10% by weight of at least one ethylenically unsaturated monocarboxylic or dicarboxylic acid or its anhydride as monomer B, and if desired
- from 0 to 10% by weight of one or more ethylenically unsaturated monomers C, different than the monomers A and B, the weight fractions of the monomers A, B and C adding up to 100% by weight,

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- ii) at least one water-soluble salt or complex salt of an at least divalent metal cation

to produce a basecoat for the coating of metal components.

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